

## **PTH RECEPTOR AND SCREENING ASSAY UTILIZING THE SAME**

### ***ABSTRACT***

The invention provides a novel PTH receptor polypeptide, r $\Delta$ Nt, characterized by a deletion of the extracellular amino-terminus, ligand binding domain of the receptor. Additionally disclosed are nucleic acid molecules encoding the receptor. The receptor has a minimal domain for ligand binding and is useful in screening assays designed for the identification of agonists and antagonists of PTH receptor activity.